BRUHAT BENGALURU MAHANAGARA PALIKE, YELAHANKA DIVISION

Bruhat Bengaluru Mahanagara Palike

Name of work:Asphalting to roads at Kaveri layout and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division

EMB

"SECOND & FINAL BILL "

Name of work:"Asphalting to roads at Kaveri layout and surrounding areas in ward no - 03 Yelahanka Satellite Town sub Division" Est cost Rs. 200 Lakhs

Detailed Measurements

Measurement Recorded On: 03/12/2021.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty
9	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.(I No-19.64,P No-147)					
	Kaveri Layout, For Road	Sqm				
	4th Cross Road RHS					
	Ch:0.00m to 30.00m	1	30.00	(5.80 + 5.60)/2		171.00
	Ch:30.00 to 34.80 m	1	4.80	(5.60 + 5.60)/2		26.88
	4th Cross Road LHS					
	Ch:0.00m to 30.00m	1	30.00	(5.05 + 4.80)/2		147.75
	CH: 30.00 to 60.00m	1	30.00	(4.80 + 4.50)/2		139.50
	CH: 60.00 to 90.00 m	1	30.00	(4.50 + 5.20)/2		145.50
	CH:90.00to 120.00 m	1	30.00	(5.20 + 5.05)/2		153.75
	CH:120.00to 149.50 m	1	29.50	(5.05 + 5.30)/2		152.66
	3th Cross Road RHS					
	Ch:0.00m to 30.00m	1	30.00	(5.35 + 5.40)/2		161.25
	Ch:30.00 to 34.90 m	1	4.90	(5.40 + 5.40)/2		26.46
	3th Cross Road LHS					
	Ch:0.00m to 30.00m	1	30.00	(5.25 + 5.10)/2		155.25
	CH: 30.00 to 60.00m	1	30.00	(5.10 + 5.50)/2		159.00
	CH: 60.00 to 90.00 m	1	30.00	(5.50 + 5.90)/2		171.00
	CH:90.00to 95.80 m	1	5.80	(5.90 + 5.90)/2		34.22
	2nd Cross Road RHS					
	Entrance	1	1.50	(5.00 + 5.00)/2		7.50
	Ch:0.00m to 30.00m	1	30.00	(5.80 + 5.45)/2		168.75
	Ch:30.00 to 32.60 m	1	2.60	(5.45 + 5.45)/2		14.17
	2nd Cross Road LHS					
	Ch:0.00m to 30.00m	1	30.00	(4.80 + 4.80)/2		144.00
	CH: 30.00 to 60.00m	1	30.00	(4.80 + 5.05)/2		147.75

SHRIYA CONSTRUCTION AND CONSULTANCY

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	Kingfisher Godown Road							
	Ch:0.00m to 30.00m	1	30.00	6.10 + 5.50 / 2				174.00
	CH: 30.00 to 60.00m	1	30.00	5.50 + 7.50 / 2				195.00
	CH: 60.00 to 90.00 m	1	30.00	7.50 + 7.60 / 2				226.50
	CH:90.00to 120.00 m	1	30.00	7.60 + 6.30 / 2				208.50
	CH:120.00to 150.00 m	1	30.00	6.30 + 5.80 / 2				181.50
	CH:150.00to 180.00 m	1	30.00	5.80 + 6.30 / 2				181.50
	CH:180.00to 210.00 m	1	30.00	6.30 + 5.40 / 2				175.50
	CH:210.00to 240.00 m	1	30.00	5.40 + 5.40 / 2				162.00
	CH:240.00to 270.00 m	1	30.00	5.40 + 6.60 / 2				180.00
							Present Qty	Sqm 6544.18

Contractor

PMC

SHREYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Name of work:"Asphalting to roads at Kaveri layout and surrounding areas in ward no - 03 Yelahanka Satellite Town sub Division" Est cost Rs. 200 Lakhs

Detailed Measurements

Measurement Recorded On: 12.12.2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty
10	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision.(I No-20.5,P No-153)					
	Kaveri Layout, For Road	Cum				
	4th Cross Road RHS					
	Ch:0.00m to 30.00m	1	30.00	(5.80 + 5.60)/2	0.10	17.10
	Ch:30.00 to 34.80 m	1	4.80	(5.60 + 5.60)/2	0.10	2.69
	4th Cross Road LHS					
	Ch:0.00m to 30.00m	1	30.00	(5.05 + 4.80)/2	0.10	14.78
	CH: 30.00 to 60.00m	1	30.00	(4.80 + 4.50)/2	0.10	13.95
	CH: 60.00 to 90.00 m	1	30.00	(4.50 + 5.20)/2	0.10	14.55
	CH:90.00to 120.00 m	1	30.00	(5.20 + 5.05)/2	0.10	15.38
	CH:120.00to 149.50 m	1	29.50	(5.05 + 5.30)/2	0.10	15.27
	3th Cross Road RHS					
	Ch:0.00m to 30.00m	1	30.00	(5.35 + 5.40)/2	0.10	16.13
	Ch:30.00 to 34.90 m	1	4.90	(5.40 + 5.40)/2	0.10	2.65
	3th Cross Road LHS					-
	Ch:0.00m to 30.00m	1	30.00	(5.25 + 5.10)/2	0.10	15.53
	CH: 30.00 to 60.00m	1	30.00	(5.10 + 5.50)/2	0.10	15.90
	CH: 60.00 to 90.00 m	1	30.00	(5.50 + 5.90)/2	0.10	17.10
	CH:90.00to 95.80 m	1	5.80	(5.90 + 5.90)/2	0.10	3.42
	2nd Cross Road RHS					
	Entrance	1	1.50	(5.00 + 5.00)/2	0.10	0.75
	Ch:0.00m to 30.00m	1	30.00	(5.80 + 5.45)/2	0.10	16.88
	Ch:30.00 to 32.60 m	1	2.60	(5.45 + 5.45)/2	0.10	1.42

SHRIYA CONSTRUCTION AND CONSULTANCY

	Cross Road JyothiNagara Bettahali Main Road							
	Ch:0.00m to 28.8m	1	28.80	3.95	+	3.95	0.10	11.38
					2			
	Kingfisher Godown Road							
	Ch:0.00m to 30.00m	1	30.00	6.10	+	5.60	0.10	17.55
					2			
	CH: 30.00 to 60.00m	1	30.00	5.60	+	7.60	0.10	19.80
					2			
	CH: 60.00 to 90.00 m	1	30.00	7.60	+	7.70	0.10	22.95
					2			
	CH:90.00to 120.00 m	1	30.00	7.70	+	6.40	0.10	21.15
					2			
	CH:120.00to 150.00 m	1	30.00	6.40	+	5.90	0.10	18.45
					2			
	CH:150.00to 180.00 m	1	30.00	5.90	+	6.40	0.10	18.45
					2			
	CH:180.00to 210.00 m	1	30.00	6.40	+	5.40	0.10	17.70
					2			
	CH:210.00to 240.00 m	1	30.00	5.40	+	5.40	0.10	14.74
					2			
	CH:240.00to 270.00 m	1	30.00	5.40	+	6.60	0.10	18.00
					2			
						Present Qty	Cum	654.35

Contractor

PMC

SHRIH CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

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Name of work:"Asphalting to roads at Kaveri layout and surrounding areas in ward no - 03 Yelahanka Satellite Town sub Division" Est cost Rs. 200 Lakhs

Detailed Measurements

Measurement Recorded On: 20.02.2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty
11	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)					
	Kaveri Layout, For Road	Cum				
	4th Cross Road RHS					
	Ch:0.00m to 30.00m	1	30.00	(5.80 + 5.60)/2	0.25	42.75
	Ch:30.00 to 34.80 m	1	4.80	(5.60 + 5.60)/2	0.25	6.72
	4th Cross Road LHS					
	Ch:0.00m to 30.00m	1	30.00	(5.05 + 4.80)/2	0.25	36.94
	CH: 30.00 to 60.00m	1	30.00	(4.80 + 4.50)/2	0.25	34.88
	CH: 60.00 to 90.00 m	1	30.00	(4.50 + 5.20)/2	0.25	36.38
	CH:90.00to 120.00 m	1	30.00	(5.20 + 5.05)/2	0.25	38.44
	CH:120.00to 149.50 m	1	29.50	(5.05 + 5.30)/2	0.25	38.17
	3th Cross Road RHS					
	Ch:0.00m to 30.00m	1	30.00	(5.35 + 5.40)/2	0.25	40.31
	Ch:30.00 to 34.90 m	1	4.90	(5.40 + 5.40)/2	0.25	6.62
	3th Cross Road LHS					
	Ch:0.00m to 30.00m	1	30.00	(5.25 + 5.10)/2	0.25	38.81
	CH: 30.00 to 60.00m	1	30.00	(5.10 + 5.50)/2	0.25	38.25
	CH: 60.00 to 90.00 m	1	30.00	(5.50 + 5.90)/2	0.25	42.75
	CH:90.00to 95.80 m	1	5.80	(5.90 + 5.90)/2	0.25	8.56
	2nd Cross Road RHS					
	Entrance	1	1.50	(5.00 + 5.00)/2	0.25	1.88
	Ch:0.00m to 30.00m	1	30.00	(5.80 + 5.45)/2	0.25	42.19
	Ch:30.00 to 32.60 m	1	2.60	(5.45 + 5.45)/2	0.25	3.54

SHRIYA CONSTRUCTION AND CONSULTANCY

	Deduct Temple at Last	-1	2.50	1.60	+	1.60	0.25	-1.00
					2			
	Cross Road JyothiNagara Bettahali Main Road							
	Ch:0.00m to 28.8m	1	28.80	3.95	+	3.95	0.23	24.91
					2			
	Kingfisher Godown Road							
	Ch:0.00m to 30.00m	1	30.00	6.10	+	5.60	0.25	43.88
					2			
	CH: 30.00 to 60.00m	1	30.00	5.60	+	7.60	0.25	49.50
					2			
	CH: 60.00 to 90.00 m	1	30.00	7.60	+	7.70	0.25	57.38
					2			
	CH:90.00to 120.00 m	1	30.00	7.70	+	6.40	0.25	52.88
					2			
	CH:120.00to 150.00 m	1	30.00	6.40	+	5.90	0.25	46.13
					2			
	CH:150.00to 180.00 m	1	30.00	5.90	+	6.40	0.25	46.13
					2			
	CH:180.00to 210.00 m	1	30.00	6.40	+	5.40	0.25	44.25
					2			
	CH:210.00to 240.00 m	1	30.00	5.40	+	5.40	0.25	40.50
					2			
	CH:240.00to 270.00 m	1	30.00	5.40	+	6.60	0.25	45.00
					2			
						Present Qty	Cum	1636.00

Contractor PMC Assistant Engineer Asst. Executive Engineer

Name of work:"Asphalting to roads at Kaveri layout and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division" Est cost Rs. 200 Lakhs

Detailed Measurements

Measurement Recorded On: 14-02-2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty
12	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6)					
	Kaveri Layout, For Road	Sqm				
	4th Cross Road RHS					
	Ch:0.00m to 30.00m	1	30.00	(5.80 + 5.60)/2		171.00
	Ch:30.00 to 34.80 m	1	4.80	(5.60 + 5.60)/2		26.88
	4th Cross Road LHS					
	Ch:0.00m to 30.00m	1	30.00	(5.05 + 4.80)/2		147.75
	CH: 30.00 to 60.00m	1	30.00	(4.80 + 4.50)/2		139.50
	CH: 60.00 to 90.00 m	1	30.00	(4.50 + 5.20)/2		145.50
	CH:90.00to 120.00 m	1	30.00	(5.20 + 5.05)/2		153.75
	CH:120.00to 149.50 m	1	29.50	(5.05 + 5.30)/2		152.66
	3th Cross Road RHS					
	Ch:0.00m to 30.00m	1	30.00	(5.35 + 5.40)/2		161.25
	Ch:30.00 to 34.90 m	1	4.90	(5.40 + 5.40)/2		26.46
	3th Cross Road LHS					
	Ch:0.00m to 30.00m	1	30.00	(5.25 + 5.10)/2		155.25
	CH: 30.00 to 60.00m	1	30.00	(5.10 + 5.50)/2		159.00
	CH: 60.00 to 90.00 m	1	30.00	(5.50 + 5.90)/2		171.00
	CH:90.00to 95.80 m	1	5.80	(5.90 + 5.90)/2		34.22
	2nd Cross Road RHS					
	Entrance	1	1.50	(5.00 + 5.00)/2		7.50
	Ch:0.00m to 30.00m	1	30.00	(5.80 + 5.45)/2		168.75
	Ch:30.00 to 32.60 m	1	2.60	(5.45 + 5.45)/2		14.17
	2nd Cross Road LHS					
	Ch:0.00m to 30.00m	1	30.00	(4.80 + 4.80)/2		144.00

SHRIYA CONSTRUCTION AND CONSULTANCY

Cross Road JyothiNagara Bettahali Main Road							
Ch:0.00m to 28.8m	1	28.80	3.95	+	3.95		113.76
				2			
Kingfisher Godown Road							
Ch:0.00m to 30.00m	1	30.00	6.10	+	5.50		174.00
				2			
CH: 30.00 to 60.00m	1	30.00	5.50	+	7.50		195.00
				2			
CH: 60.00 to 90.00 m	1	30.00	7.50	+	7.60		226.50
				2			
CH:90.00to 120.00 m	1	30.00	7.60	+	6.30		208.50
				2			
CH:120.00to 150.00 m	1	30.00	6.30	+	5.80		181.50
				2			
CH:150.00to 180.00 m	1	30.00	5.80	+	6.30		181.50
				2			
CH:180.00to 210.00 m	1	30.00	6.30	+	5.40		175.50
				2			
CH:210.00to 240.00 m	1	30.00	5.40	+	5.40		162.00
				2			
CH:240.00to 270.00 m	1	30.00	5.40	+	6.60		180.00
				2			
					Present Qty	Sqm	6544.18

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer

Name of work: "Asphalting to roads at Kaveri layout and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division" Est cost Rs. 200 Lakhs

Detailed Measurements

Measurement Recorded On: 21.02.2022

Item No.	Discription of Item	No	Length	Breadth	Depth	Qty
14	KSRRB M500-2: Cleaning the excisting black topped surface with brooms, soft brushs and finally dusting with old gunny bags and compressed air to receive bituuminous tratement including cost of all materials, labours, HOM complete as per specifications. P No. 158/ Item No. 21.2/ PWD SR 2018-19					
	Kaveri Layout, For Road	Sqm				
	4th Cross Road RHS					
	Ch:0.00m to 30.00m	1	30.00	(5.80 + 5.60)/2		171.00
	Ch:30.00 to 34.80 m	1	4.80	(5.60 + 5.60)/2		26.88
	4th Cross Road LHS					
	Ch:0.00m to 30.00m	1	30.00	(5.05 + 4.80)/2		147.75
	CH: 30.00 to 60.00m	1	30.00	(4.80 + 4.50)/2		139.50
	CH: 60.00 to 90.00 m	1	30.00	(4.50 + 5.20)/2		145.50
	CH:90.00to 120.00 m	1	30.00	(5.20 + 5.05)/2		153.75
	CH:120.00to 149.50 m	1	29.50	(5.05 + 5.30)/2		152.66
	3th Cross Road RHS					
	Ch:0.00m to 30.00m	1	30.00	(5.35 + 5.40)/2		161.25
	Ch:30.00 to 34.90 m	1	4.90	(5.40 + 5.40)/2		26.46
	3th Cross Road LHS					
	Ch:0.00m to 30.00m	1	30.00	(5.25 + 5.10)/2		155.25
	CH: 30.00 to 60.00m	1	30.00	(5.10 + 5.50)/2		159.00
	CH: 60.00 to 90.00 m	1	30.00	(5.50 + 5.90)/2		171.00
	CH:90.00to 95.80 m	1	5.80	(5.90 + 5.90)/2		34.22
	2nd Cross Road RHS					
	Entrance	1	1.50	(5.00 + 5.00)/2		7.50
	Ch:0.00m to 30.00m	1	30.00	(5.80 + 5.45)/2		168.75
	Ch:30.00 to 32.60 m	1	2.60	(5.45 + 5.45)/2		14.17
	2nd Cross Road LHS					
	Ch:0.00m to 30.00m	1	30.00	(4.80 + 4.80)/2		144.00

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21/02/2022

SHRIYA CONSTRUCTION AND CONSULTANCY

Cross Road JyothiNagara Bettahali Main Road							
Ch:0.00m to 28.8m	1	28.80	3.95	+	3.95		113.76
				2			
Kingfisher Godown Road							
Ch:0.00m to 30.00m	1	30.00	6.10	+	5.50		174.00
				2			
CH: 30.00 to 60.00m	1	30.00	5.50	+	7.50		195.00
				2			
CH: 60.00 to 90.00 m	1	30.00	7.50	+	7.60		226.50
				2			
CH:90.00to 120.00 m	1	30.00	7.60	+	6.30		208.50
				2			
CH:120.00to 150.00 m	1	30.00	6.30	+	5.80		181.50
				2			
CH:150.00to 180.00 m	1	30.00	5.80	+	6.30		181.50
				2			
CH:180.00to 210.00 m	1	30.00	6.30	+	5.40		175.50
				2			
CH:210.00to 240.00 m	1	30.00	5.40	+	5.40		162.00
				2			
CH:240.00to 270.00 m	1	30.00	5.40	+	6.60		180.00
				2			
					Present Qty	Sqm	6544.18

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer

Name of work:"Asphalting to roads at Kaveri layout and surrounding areas in ward no - 03 Yelahanka Satellite Town sub Division" Est cost Rs. 200 Lakhs

Detailed Measurements

Measurement Recorded On: 29.12.2023.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty
EIRL-1	KSRRB M300-14. Excavation for roadwork in all types of soil by with hydralic excavator of 0.9cum bucket capacity including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km lead= (I No-19.14,P No-143)					
	Kaveri Layout, For Road	Cum				
	4th Cross Road RHS					
	Ch:0.00m to 30.00m	1	30.00	(5.80 + 5.60)/2	0.45	76.95
	Ch:30.00 to 34.80 m	1	4.80	(5.60 + 5.60)/2	0.45	12.10
	4th Cross Road LHS					
	Ch:0.00m to 30.00m	1	30.00	(5.05 + 4.80)/2	0.45	66.49
	CH: 30.00 to 60.00m	1	30.00	(4.80 + 4.50)/2	0.45	62.78
	CH: 60.00 to 90.00 m	1	30.00	(4.50 + 5.20)/2	0.45	65.48
	CH:90.00to 120.00 m	1	30.00	(5.20 + 5.05)/2	0.45	69.19
	CH:120.00to 149.50 m	1	29.50	(5.05 + 5.30)/2	0.45	68.70
	3th Cross Road RHS					
	Ch:0.00m to 30.00m	1	30.00	(5.35 + 5.40)/2	0.45	72.56
	Ch:30.00 to 34.90 m	1	4.90	(5.40 + 5.40)/2	0.45	11.91
	3th Cross Road LHS					
	Ch:0.00m to 30.00m	1	30.00	(5.25 + 5.10)/2	0.45	69.86
	CH: 30.00 to 60.00m	1	30.00	(5.10 + 5.50)/2	0.45	76.95
	CH: 60.00 to 90.00 m	1	30.00	(5.50 + 5.90)/2	0.45	76.95
	CH:90.00to 95.80 m	1	5.80	(5.90 + 5.90)/2	0.45	15.40
	2nd Cross Road RHS					
	Entrance	1	1.50	(5.00 + 5.00)/2	0.45	3.38
	Ch:0.00m to 30.00m	1	30.00	(5.80 + 5.45)/2	0.45	75.94
	Ch:30.00 to 32.60 m	1	2.60	(5.45 + 5.45)/2	0.45	6.38
	2nd Cross Road LHS					

SHRIYA CONSTRUCTION AND CONSULTANCY

Cross Road JyothiNagara Bettahali Main Road							
Ch:0.00m to 28.8m	1	28.80	3.95	+	3.95	0.45	50.62
				2			
Kingfisher Godown Road							
Ch:0.00m to 30.00m	1	30.00	6.10	+	5.50	0.45	78.30
				2			
CH: 30.00 to 60.00m	1	30.00	5.50	+	7.50	0.45	87.75
				2			
CH: 60.00 to 90.00 m	1	30.00	7.50	+	7.60	0.45	101.93
				2			
CH:90.00to 120.00 m	1	30.00	7.60	+	6.30	0.45	93.83
				2			
CH:120.00to 150.00 m	1	30.00	6.30	+	5.80	0.45	81.68
				2			
CH:150.00to 180.00 m	1	30.00	5.80	+	6.30	0.45	81.68
				2			
CH:180.00to 210.00 m	1	30.00	6.30	+	5.40	0.45	78.98
				2			
CH:210.00to 240.00 m	1	30.00	5.40	+	5.40	0.45	72.90
				2			
CH:240.00to 270.00 m	1	30.00	5.40	+	6.60	0.45	81.00
				2			
					Present Qty	Cum	2880.37

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Contractor

PMC CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

2nd & Final Bill

Name of work:"Asphalting to roads at Kaveri layout and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division" Est cost Rs. 200 Lakhs

Work Order No.: BBMP/EE YNK.D/WO/192/2019-20, Dated 10.11 2019
Agency code: 003-20-000075
Est. cost: 400.00 lakhs
Name Of contractor: M/S KRIDL, Bangalore

Measurements

Item No	Discription of Item	Unit	No	Length	Breadth	Depth	Qty	Rate	Amount
9	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.(I No-19.64,P No-147)								
	Pre Measurements recorded in Vide page no	Sqm			Present Qty		6544.18	8.34	54578.48
10	Construction of granular sub-base Grading I as sub-base and drainage layer by providing, laying graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision.(I No-20.5,P No-153)								
	Pre Measurements recorded in Vide page no	Cum			Present Qty		654.35	1994.92	1305382.39
11	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)								
	Pre Measurements recorded in Vide page no	Cum			Present Qty		1636.00	2001.28	3274100.33
12	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6)								
	Pre Measurements recorded in Vide page no	Sqm			Present Qty		6544.18	33.92	221978.67
13	KSRRB 500-11. Providing and laying bituminous macadam on Prepared Surface with crushed Coarse aggregates as per Design mix formulae for base/binding course including loading of aggregates with F E loader,Hot mixing of Stone aggregates and bitumen in Hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve desired density, but excluding cost of primer/Tack coat including lead, lift and cost of all materials, labour HOM of machinaries complete as per Specifications. MORTH Ch 5. using 40/60 TPH capacity HMP with Mechanical paver Gr-II (50mm - 75mm) with 3.4% VG-30 bitumen.(P.No-159,I No-21.11.6)								
	Pre Measurements recorded in Vide page no	Cum			Present Qty		327.21	7428.48	2430666.44
14	KSRRB M500-2: Cleaning the excisting black topped surface with brooms, soft brushs and finally dusting with old gunny bags and compressed air to receive bituuminous tratement including cost of all materials, labours, HOM complete as per specifications. P No. 158/ Item No. 21.2/ PWD SR 2018-19								
	Pre Measurements recorded in Vide page no	Sqm			Present Qty		6544.18	5.30	34684.17

SHRIYA CONSTRUCTIONS

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

15	KSRRB M500-10. Tack Coat:- Providing and applying tack coat using 80/100 grade bitumen (VG 10) in boiler fitted with spray set distributor at the rate of 0.20 kg per sqm on the existing prepared bituminous surface cleaned with mechancial broom, complete as per specifications. MORTH Specification No. 503 (P-159, Item.no 21.10).					
	Pre Measurements recorded in Vide page no	Sqm		Present Qty	6554.18	12.72	83369.20
EL-1	KSRRB M300-13. Excavation for roadway in hard rock (requiring blasting) by drilling, blasting and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross sections, loading and stacking at site of cut road with a lead of 1.00 km and complete as per specifications. (Excavated rock credited to contractor) MORTH Specification No. 301					
	Pre Measurements recorded in Vide page no	Cum		Present Qty	2880.37	69.06	198918.06

Contractor PMC Assistant Engineer

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Asst. Executive Engineer,
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೦೬

Name of work: "Asphalting to roads at Kaveri layout and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division" Est cost Rs. 200 Lakhs

Detailed Measurements

Measurement Recorded On: 21.02.2022.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Rate	Amount
26	KSRRB M500-19: providing and laying bituminous concrete 40mm thick with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desire compaction as per MORTH specification clause No. 500.9 complete In all respects as per specifications. MORTH specification 30-45mm compacted thicikness (GradingII) With 6% bitumen 80/100, No. 161/ Item No. 21.22.6/ PWD SR 2018-19							
	Kaveri Layout, For Road	Cum						
	4th Cross Road RHS							
	Ch:0.00m to 30.00m	1	30.00	(5.80 + 5.60)/2	0.04	6.84		
	Ch:30.00 to 34.80 m	1	4.80	(5.60 + 5.60)/2	0.04	1.08		
	4th Cross Road LHS							
	Ch:0.00m to 30.00m	1	30.00	(5.05 + 4.80)/2	0.04	5.91		
	CH: 30.00 to 60.00m	1	30.00	(4.80 + 4.50)/2	0.04	5.58		
	CH: 60.00 to 90.00 m	1	30.00	(4.50 + 5.20)/2	0.04	5.82		
	CH:90.00to 120.00 m	1	30.00	(5.20 + 5.05)/2	0.04	6.15		
	CH:120.00to 149.50 m	1	29.50	(5.05 + 5.30)/2	0.04	6.11		
	3th Cross Road RHS							
	Ch:0.00m to 30.00m	1	30.00	(5.35 + 5.40)/2	0.04	6.45		
	Ch:30.00 to 34.90 m	1	4.90	(5.40 + 5.40)/2	0.04	1.06		
	3th Cross Road LHS							
	Ch:0.00m to 30.00m	1	30.00	(5.25 + 5.10)/2	0.04	6.21		
	CH: 30.00 to 60.00m	1	30.00	(5.10 + 5.50)/2	0.04	6.36		
	CH: 60.00 to 90.00 m	1	30.00	(5.50 + 5.90)/2	0.04	6.84		
	CH:90.00to 95.80 m	1	5.80	(5.90 + 5.90)/2	0.04	1.37		
	2nd Cross Road RHS							
	Entrance	1	1.50	(5.00 + 5.00)/2	0.04	0.30		
	Ch:0.00m to 30.00m	1	30.00	(5.80 + 5.45)/2	0.04	6.75		
	Ch:30.00 to 32.60 m	1	2.60	(5.45 + 5.45)/2	0.04	0.57		
	2nd Cross Road LHS							
	Ch:0.00m to 30.00m	1	30.00	(4.80 + 4.80)/2	0.04	5.76		
	CH: 30.00 to 60.00m	1	30.00	(4.80 + 5.05)/2	0.04	5.91		
	CH: 60.00 to 89.20 m	1	29.20	(5.05 + 5.50)/2	0.04	6.16		

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SHRIYA CONSTRUCTION AND CONSULTANCY

1st Cross Road RHS									
Entrance	1	0.85	3.00	+	3.00	2	0.04	0.10	
Ch:0.00m to 30.00m	1	30.00	5.30	+	4.80	2	0.04	5.88	
Ch:30.00 to 33.60 m	1	3.60	4.50	+	4.50	2	0.04	0.65	
1st Cross Road LHS									
Ch:0.00m to 30.00m	1	30.00	5.70	+	5.35	2	0.04	6.83	
CH: 30.00 to 60.00m	1	30.00	5.35	+	5.55	2	0.04	6.54	
CH: 60.00 to 84.40 m	1	24.40	5.55	+	5.50	2	0.04	5.57	
Cross Road 1to Bettahali Main Road									
Entrance	1	2.00	7.00	+	7.00	2	0.04	0.62	
Ch:0.00m to 30.00m	1	30.00	6.00	+	5.85	2	0.04	7.62	
CH: 30.00 to 60.00m	1	30.00	5.85	+	6.00	2	0.04	7.62	
CH: 60.00 to 90.00 m	1	30.00	6.00	+	5.10	2	0.04	7.23	
CH:90.00to 104.00 m	1	14.00	5.10	+	6.20	2	0.04	3.48	
Cross Road 2 to Bettahali Main Road									
Entrance	1	2.00	7.10	+	7.10	2	0.04	0.62	
Ch:0.00m to 30.00m	1	30.00	6.60	+	6.40	2	0.04	8.38	
CH: 30.00 to 60.00m	1	30.00	6.40	+	6.70	2	0.04	8.65	
CH: 60.00 to 90.00 m	1	30.00	6.70	+	6.60	2	0.04	8.78	
CH:90.00to 98.50 m	1	8.50	6.60	+	6.60	2	0.04	2.47	
JyothiNagara Bettahali Main Road									
Ch:0.00m to 30.00m	1	30.00	6.85	+	6.90	2	0.04	9.08	
CH: 30.00 to 60.00m	1	30.00	6.90	+	6.45	2	0.04	8.81	
CH: 60.00 to 84.30 m	1	24.30	6.45	+	6.50	2	0.04	6.82	
Deduct Temple at Last	-1	2.50	1.60	+	1.60	2	0.04	-0.18	
Cross Road JyothiNagara Bettahali Main Road									
Ch:0.00m to 28.8m	1	28.80	3.95	+	3.95	2	0.04	4.55	
Kingfisher Godown Road									
Ch:0.00m to 30.00m	1	30.00	6.10	+	5.50	2	0.04	7.66	
CH: 30.00 to 60.00m	1	30.00	5.50	+	7.50	2	0.04	8.58	
CH: 60.00 to 90.00 m	1	30.00	7.50	+	7.60	2	0.04	9.97	
CH:90.00to 120.00 m	1	30.00	7.60	+	6.30	2	0.04	9.17	
CH:120.00to 150.00 m	1	30.00	6.30	+	5.80	2	0.04	7.99	

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SHRIMA CONSTRUCTION AND CONSULTANCY

CH:150.00to 180.00 m	1	30.00	5.80	+	6.30	0.04	7.99			
				2						
CH:180.00to 210.00 m	1	30.00	6.30	+	5.40	0.04	7.72			
				2						
CH:210.00to 240.00 m	1	30.00	5.40	+	5.40	0.04	6.48			
				2						
CH:240.00to 270.00 m	1	30.00	5.40	+	6.60	0.04	7.20			
				2						
					Present Qty	Cum	294.48	8699.42		2387836.5

Contractor

PMC SHRI CONSTRUCTION AND CONSULTANCY

Assistant

Asst. Executive Engineer

Name of work:"Asphalting to roads at Kaveri layout and surrounding areas in ward no -03 Yelahanka Satellite Town sub Division" Est cost Rs. 200 Lakhs

Detailed Measurements

Measurement Recorded On: 28/02/2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Rate	Amount
17	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (Page No 181., 1.No.24.15 of KPWD S.R 2015-16).							
	Kaveri Layout, For Road	Cum						
	4th Cross Road RHS							
	Ch:0.00m to 30.00m	2	30.00	(0.10 + 0.10)/2		6.00		
	Ch:30.00 to 34.80 m	2	4.80	(0.10 + 0.10)/2		0.96		
	4th Cross Road LHS							
	Ch:0.00m to 30.00m	2	30.00	(0.10 + 0.10)/2		6.00		
	CH: 30.00 to 60.00m	2	30.00	(0.10 + 0.10)/2		6.00		
	CH: 60.00 to 90.00 m	2	30.00	(0.10 + 0.10)/2		6.00		
	CH:90.00to 120.00 m	2	30.00	(0.10 + 0.10)/2		6.00		
	CH:120.00to 149.50 m	2	29.50	(0.10 + 0.10)/2		5.90		
	3th Cross Road RHS							
	Ch:0.00m to 30.00m	2	30.00	(0.10 + 0.10)/2		6.00		
	Ch:30.00 to 34.90 m	2	4.90	(0.10 + 0.10)/2		0.98		
	3th Cross Road LHS							
	Ch:0.00m to 30.00m	2	30.00	(0.10 + 0.10)/2		6.00		
	CH: 30.00 to 60.00m	2	30.00	(0.10 + 0.10)/2		6.00		
	CH: 60.00 to 90.00 m	2	30.00	(0.10 + 0.10)/2		6.00		
	CH:90.00to 95.80 m	2	5.80	(0.10 + 0.10)/2		1.16		
	2nd Cross Road RHS							
	Entrance	2	1.50	(0.10 + 0.10)/2		0.30		
	Ch:0.00m to 30.00m	2	30.00	(0.10 + 0.10)/2		6.00		
	Ch:30.00 to 32.60 m	2	2.60	(0.10 + 0.10)/2		0.52		
	2nd Cross Road LHS							
	Ch:0.00m to 30.00m	2	30.00	(0.10 + 0.10)/2		6.00		
	CH: 30.00 to 60.00m	2	30.00	(0.10 + 0.10)/2		6.00		
	CH: 60.00 to 89.20 m	2	29.20	(0.10 + 0.10)/2		5.84		
	1st Cross Road RHS							
	Entrance	2	0.85	(0.10 + 0.10)/2		0.17		
	Ch:0.00m to 30.00m	2	30.00	(0.10 + 0.10)/2		6.00		
	Ch:30.00 to 33.60 m	2	3.60	(0.10 + 0.10)/2		0.72		
	1st Cross Road LHS							

CONSTRUCTION AND CONTRACTS WING

Executive Engineer

	CH:90.00to 120.00 m	2	30.00	0.10	+	0.10		6.00			
					2						
	CH:120.00to 150.00 m	2	30.00	0.10	+	0.10		6.00			
					2						
	CH:150.00to 180.00 m	2	30.00	0.10	+	0.10		6.00			
					2						
	CH:180.00to 210.00 m	2	30.00	0.10	+	0.10		6.00			
					2						
	CH:210.00to 240.00 m	2	30.00	0.10	+	0.10		6.00			
					2						
	CH:240.00to 270.00 m	2	30.00	0.10	+	0.10		6.00			
					2						
							Present Qty	Cum	229.08	454.74	104171.839
										Civil Works Amount	10095711.09
										12% GST	1211485.33
										KRIDL Charges	403828.44
										Total	11711025.00

Contractor

PMC

SHAKTA CONSTRUCTION & CONSULTANCY

Assistant

Asst. Executive Engineer

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